
DEPARTMENT SUMMARY

OVERVIEW:

The Department of Computer Science provides graduate training and education in major areas of computer science. Thus, both basic and advanced graduate courses are offered. Course work and research lead to either the degree of Master of Science or Doctor of Philosophy. The requirements to complete either program are rigorous and are comparable to those of other major universities.

CURRICULA SERVED:

- Computer Science
- Software Engineering
- Modeling, Virtual Environments, and Simulation

DEGREES GRANTED:

- Master of Science in Computer Science
- Master of Science in Software Engineering
- Master of Science in Modeling, Virtual Environments, and Simulation
- Doctor of Philosophy in Computer Science
- Doctor of Philosophy in Software Engineering
- Doctor of Philosophy in Modeling, Virtual Environments, and Simulation

RESEARCH THRUSTS AND FACULTY EXPERTISE

- Software Engineering:
Professor Luqi, Professor Valdis Berzins, Professor Ted Lewis, Associate Professor Man-Tak Shing, Military Instructor CDR Deborah Kern, and Military Instructor LCDR Chris Eagle
- Databases:
Associate Professor Thomas Wu, Research Assistant Professor Wolfgang Baer, and Professor Robert McGhee
- Information Security:
Associate Professor Cynthia Irvine, Lecturer Daniel Warren, and Lecturer Paul Clark
- Artificial Intelligence:
Professor Robert McGhee, Professor Neil Rowe, and Assistant Professor Chris Darken
- Modeling, Virtual Environments and Simulation (MOVES) Institute/Computer Graphics:
Professor Michael Zyda, Assistant Professor Rudy Darken, Lecturer Eric Bachmann, Research Professor John Hiles, and Research Professor Michael Capps
- Networks:
Associate Professor G. M. Lundy, Assistant Professor Geoffrey Xie, and Associate Professor Bret Michael
- Programming Languages:
Associate Professor Dennis Volpano

RESEARCH FACILITIES:

- Computer Science Academic Laboratory
- Artificial Intelligence and Robotics Laboratory
- Computer Systems and Security Laboratory
- Computer Graphics and Video Laboratory
- Microcomputer Systems Laboratory
- Modeling, Virtual Environments, and Simulation Institute
- Software Engineering Laboratory

DEPARTMENT SUMMARY

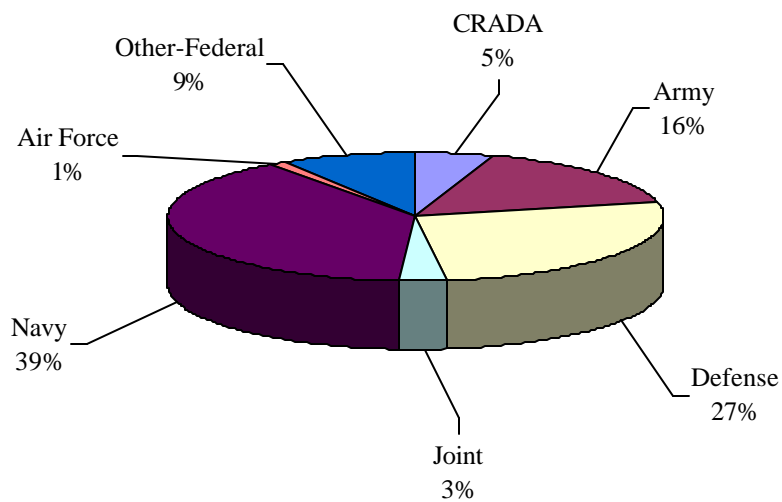
- Visual Database and Interface Laboratory

RESEARCH CENTERS:

- Center for Information Security (INFOSEC) Studies and Research (CISR)
- Software Engineering Center

RESEARCH PROGRAM (Research and Academic)-FY2001:

The Naval Postgraduate School's sponsored program exceeded \$49 million in FY2001. Sponsored programs included both research and educational activities funded from an external source. A profile of the sponsored program for the Department of Computer Science is provided below:



Size of Program: **\$2550K**